



TITLE:

表紙・目次

AUTHOR(S):

CITATION:

表紙・目次. 数理解析研究所講究録 2001, 1237

ISSUE DATE:

2001-11

URL:

<http://hdl.handle.net/2433/41553>

RIGHT:

数理解析研究所講究録 1237

変分問題とその周辺

京都大学数理解析研究所

2001年11月

変分問題とその周辺
Variational Problems and Related Topics
研究集会報告集

2001年6月25日～6月27日

研究代表者 柴田 徹太郎(Tetsutaro Shibata)

副代表者 鈴木 貴(Takashi Suzuki)

目 次

| | |
|--|-----------------------------|
| 1. Existence of positive solutions for some nonlinear elliptic equations on unbounded domains with cylindrical ends----- | 1 |
| 都立大・理学 | 倉田 和浩(Kazuhiro Kurata) |
| 〃 | 柴田 将敬(Masataka Shibata) |
| 〃 | 多田 一生(Kazuo Tada) |
| 2. On limit functions of minimizers of variational problems----- | 21 |
| 埼玉大・理 | 石橋 利裕(Toshihiro Ishibashi) |
| 3. New Solver to the Ill-posed Problem in Magnetoencephalography----- | 29 |
| 富山大・教育 | 齊藤 宣一(Norikazu Saito) |
| 阪大・理学 | 鈴木 貴(Takashi Suzuki) |
| 金沢工業大・先端電子技術応用研 | 足立 善昭(Yoshiaki Adachi) |
| 〃 | 賀戸 久(Hisashi Kado) |
| 〃 | 下川原 正博(Masahiro Simogawara) |
| 4. Boundary blow-up for some quasi-linear differential equations with indefinite weight---- | 49 |
| Univ. de Louvain | Jean Mawhin |
| S.I.S.S.A. | Duccio Papini |
| Univ. di Udine | Fabio Zanolin |
| 5. Asymptotic Shape of a Solution for the Plasma Problem in Higher Dimension----- | 63 |
| 都立大・理学 | 柴田 将敬(Masataka Shibata) |
| 6. Diffusion Problems with Concave-Convex Nonlinearities----- | 83 |
| 早稲田大・理工 | 久藤 衡介(Kousuke Kuto) |
| 7. AN ELEMENTARY CONSTRUCTION OF COMPLEX PATTERNS IN ONE-DIMENSIONAL SINGULAR PERTURBATION PROBLEMS----- | 99 |
| 早稲田大・理工 | 田中 和永(Kazunaga Tanaka) |
| 8. A variational problem with constraints for the modified Willmore functional with constraints----- | 110 |
| 東北大・理学 | 長澤 壯之(Takeyuki Nagasawa) |
| 9. BLOW-UP TIME AND BLOW-UP SET OF THE SOLUTIONS FOR SEMILINEAR HEAT EQUATIONS WITH LARGE DIFFUSION----- | 120 |
| 名大・多元数理 | 石毛 和弘(Kazuhiro Ishige) |

| | | |
|-------|---|-------------------------|
| 1 0 . | Missing terms in Hardy's inequalities and its applications----- | 136 |
| | 茨城大・理 | 堀内 利郎(Toshio Horiuchi) |
| 1 1 . | ON THE ANTIMAXIMUM PRINCIPLE FOR THE P-LAPLACIAN WITH INDEFINITE WEIGHT----- | 154 |
| | Univ. Nacional Córdoba | T. Godoy . |
| | Univ. Libre de Bruxelles | J. -P. Gossez |
| | Univ. Nacional Córdoba | S. Paczka |
| 1 2 . | Stable Pattern of FitzHugh-Nagumo Equation for Higher Dimensions and its Limiting Problem----- | 174 |
| | 東大・数理科学 | 大下 承民(Yoshihito Oshita) |
| 1 3 . | Behavior of harmonic maps into spheres around their isolated singular points----- | 194 |
| | 東北大・理学 | 中島 徹(Tôru Nakajima) |
| 1 4 . | Existence and Non-existence of local minimizers of GL energy with magnetic effect--- | 208 |
| | 北大・理 | 神保 秀一(Shuichi Jimbo) |